BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Work:- Providing fencing to BBMP properties and selected reaches in ward no.16 Jalahalli

Estimate: Rs.20.00 Lakhs

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
1	KSRB 2-2.2 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. KSRB 2.2.2l -do- in hard soil (P.No. 6/I.No. 2.4)							Cum	
	at HMT Railway Bridge	1	100.00	1.20	1.20	**144.00**			
		1	39.00	1.20	1.10	**51.48**			
					Total	**195.48**			
	Basic Rate	449.00							
	Area Weightage 6%	26.94							
	Total	**475.94**				**195.48**	**475.94**		93037
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification (P.No.13, I.No. 4.3)							Cum	
	at HMT Railway Bridge	1	100.00	1.20	0.15	**18.00**			
		1	39.00	1.20	0.15	**7.02**			
					Total	**25.02**			
	Basic Rate	5102.00							
	Area Weightage 6%	306.12							
	Total	**5408.12**				**25.02**	**5408.12**		**135311**

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KSRB 5.2-3-do- in cement mortar 1:6 (P.No. 25/I.No. 5.6)							Cum	
	at HMT Railway Bridge (1st Step)	1	100.00	0.90	0.60	54.00			
		1	39.00	0.90	0.60	21.06			
	(2nd Step)	1	100.00	0.60	0.60	36.00			
		1	39.00	0.60	0.60	14.04			
					Qty	**125.10**			
	Basic Rate	4596.00							
	Area Weightage 6%	275.76							
	Total	**4871.76**				**125.10**	**4871.76**		**609457**
4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No. 25/I.No. 5.9)							Cum	
	at HMT Railway Bridge	1	100.00	0.45	0.60	27.00			
		1	39.00	0.45	0.60	10.53			
					Qty	**37.53**			
	Basic Rate	5483.00							
	Area Weightage 6%	328.98							
	Total	**5811.98**				**37.53**	**5811.98**		**218124**
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.453cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.6)							Cum	
		1	100.00	0.45	0.10	4.50			

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
		1	39.00	0.45	0.10	1.76			
					Qty	**6.26**			
	Basic Rate	5422.00							
	Area Weightage 6%	325.32							
	Total	**5747.32**				**6.26**	**5747.32**		**35949**
6	KSRB 15.1.3 – do – Providing ruled pointing 20 mm deep to coursed stone masonry with cement mortar raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. KBS 15.1.3-do-cement mortar 1:3 (P.No. 115/I.No. 15.3)							**Sqm**	
		2	100.00		0.60	120.00			
		2	39.00		0.60	46.80			
					Qty	**166.80**			
	Basic Rate	142.00							
	Area Weightage 6%	8.52							
	Total	**150.52**				**166.80**	**150.52**		**25107**
7	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No. 266/I.No. 37.2)							**Mtr**	
		70			2.40	166.80			
					Total	**166.80**			
	Basic Rate	859.00							
	Area Weightage 6%	51.54							
	Total	**910.54**				**166.80**	**910.54**		**151878**

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
9	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. including cost of materails labour HOM compleet as per specification (P.No. 266/I.No. 37.4)							Mtr	
		3	139.00			**417.00**			
	Basic Rate	408.00							
	Area Weightage 6%	24.48							
	Total	**432.48**				**417.00**	**432.48**		180344
10	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint including cost of materials labour HOM compleet as per specification (P.No. 266/I.No. 37.3)							Sqm	
		1	100.00		2.10	**210.00**			
		1	39.00		2.10	**81.90**			
					Qty	**291.90**	757.90		221231
	Basic Rate	715.00							
	Area Weightage 6%	42.9							
	Total	757.90							
11	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (P.No. 136/I.No. 17.1)								

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
	Qty vide item No 1					195.48			
	Basic Rate	57.00							
	Loading and Unloading 1.28*2*15km	38.4							
	Total	95.40				159.00	95.40		15169
								Total	1685607
								TP 5%	84280
								Sub Total	1769887
								GST 12%	212386
								PMC 1%	17699
								Miscellaneous & Rounding off	28
								Grand Total	2000000

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.

2 This estimate is prepared as per CSR of 2018-19

4 The provisions were made in this estimate are adequete and essential

5 This works comes under BBMP Limits

Asst.Engineer
Ward No.16
B.B.M.P

Asst.Executive Engineer
Yeshwanthapura Sub Division
B.B.M.P.

Executive Engineer
R. R. Nagara Division
B.B.M.P.

ನಂ.345 ದಿನಾಂಕ: 16/3/2020
ರೂ. 20.00 lakh (Twenty lakh only)

ನಂ.: 113 ದಿನಾಂಕ: 16/3/2020
ರೂ. 20.00 lakh (Twenty lakh only)